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GP/2152

PATENT  
Attorney Docket No. DPL-026

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Weinstein et al.  
SERIAL NO.: 10/025,017 GROUP NO.: 2152  
FILING DATE: December 19, 2001 EXAMINER: Not Yet Assigned  
TITLE: CAMOUFLAGE OF NETWORK TRAFFIC TO RESIST ATTACK

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**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, Washington, DC 20231 on this 25th day of February, 2002.

  
Beverly Horvitz

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 page)
2. Information Disclosure Statement (2 pages)
3. Form PTO-1449 (3 pages)
4. Copies of IDS Citations (Refs. A1-A52; C1-C-8)
5. Return Receipt Postcard

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**TRANSMITTAL  
FORM**

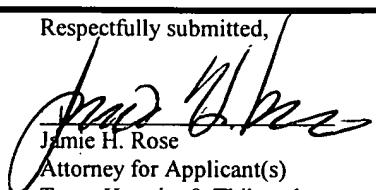
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T R A N S M I T T A L

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	Application Serial Number	10/025,017
	Filing Date	December 19, 2001
	First Named Inventor	Weinstein et al.
	Group Art Unit	2152
	Examiner Name	Not Yet Assigned
	Attorney Docket No.	DPL-026
	BATCH NO. (after allowance)	Not applicable
	Patent No.	Not applicable
	Issue Date	Not applicable

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <ul style="list-style-type: none"> <li><input type="checkbox"/> Check Attached</li> <li><input type="checkbox"/> Copy of Fee Transmittal Form</li> </ul>	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553) <ul style="list-style-type: none"> <li><input type="checkbox"/> Formal Drawing(s)</li> </ul>	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <ul style="list-style-type: none"> <li><input type="checkbox"/> Appeal Brief (in triplicate)</li> </ul>
<input type="checkbox"/> Amendment/Response <ul style="list-style-type: none"> <li><input type="checkbox"/> Preliminary</li> <li><input type="checkbox"/> After Final</li> <li><input type="checkbox"/> Affidavits/declaration(s)</li> <li><input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____]</li> </ul>	<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <ul style="list-style-type: none"> <li><input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)</li> </ul>	<input type="checkbox"/> Status Inquiry <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Return Receipt Postcard</li> <li><input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8</li> <li><input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8</li> <li><input type="checkbox"/> Additional Enclosure(s) (please identify below)</li> </ul>
<input type="checkbox"/> Petition for Extension of Time <ul style="list-style-type: none"> <li><input type="checkbox"/> Small Entity Statement</li> </ul>	<input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <ul style="list-style-type: none"> <li><input type="checkbox"/> CD(s) for large table or computer program</li> </ul>	
<input checked="" type="checkbox"/> Information Disclosure Statement <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Form PTO-1449</li> <li><input checked="" type="checkbox"/> Copies of IDS Citations</li> </ul>	<input type="checkbox"/> Amendment After Allowance <ul style="list-style-type: none"> <li><input type="checkbox"/> Request for Certificate of Correction</li> <li><input type="checkbox"/> Certificate of Correction (in duplicate)</li> </ul>	
<input type="checkbox"/> Certified Copy of Priority Document(s) <ul style="list-style-type: none"> <li><input type="checkbox"/> Sequence Listing submission</li> <li><input type="checkbox"/> Paper Copy/CD</li> <li><input type="checkbox"/> Computer Readable Copy</li> <li><input type="checkbox"/> Statement verifying identity of above</li> </ul>		

<b>CORRESPONDENCE ADDRESS</b>	<b>SIGNATURE BLOCK</b>
Direct all correspondence to: Patent Administrator Testa, Hurwitz & Thibeault, LLP High Street Tower 125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100	Respectfully submitted,  Jamie H. Rose Attorney for Applicant(s) Testa, Hurwitz & Thibeault, LLP High Street Tower 125 High Street Boston, MA 02110



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Attorney Docket No. DPL-026

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Weinstein et al.

SERIAL NO.: 10/025,017 GROUP NO.: 2152

FILING DATE: December 19, 2001 EXAMINER: Not Yet Assigned

TITLE: CAMOUFLAGE OF NETWORK TRAFFIC TO RESIST ATTACK

Commissioner for Patents  
Washington, D.C. 20231

### INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

### REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

(1) within three (3) months of the **filin** date of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or

(2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and

the requisite Statement is below, **OR**

the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

(3) after the mailing date of a **final action or notice of allowance** but before the payment of the **issue fee**, **AND**

the requisite Statement is below, **AND**

the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

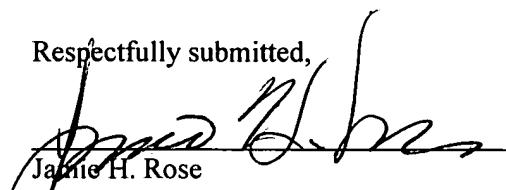
#### STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or

2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

  
Jamie H. Rose

Attorney for Applicant(s)  
Testa, Hurwitz, & Thibeault, LLP  
High Street Tower  
125 High Street  
Boston, Massachusetts 02110

Date: February 25, 2002

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Tel. No.: (617) 248-7376  
Fax No.: (617) 248-7100

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SHEET 1 OF 3

FORM PTO - 1449

INFORMATION DISCLOSURE  
STATEMENT

ATTORNEY DOCKET NO.: DPL-026

APPLICANT(S): Weinstein et al.

SERIAL NO.: 10/025,017

FILING DATE: December 19, 2001 GROUP: 2152

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	4,802,220	1/31/89	Marker, Jr.			
	A2	4,908,828	3/13/90	Tikalsky			
	A3	4,914,657	4/3/90	Walter et al.			
	A4	5,412,654	5/2/95	Perkins			
	A5	5,551,032	8/27/96	Lyon et al.			
	A6	5,553,145	9/3/96	Micali			
	A7	5,583,940	12/10/96	Vidrascu et al.			
	A8	5,610,904	3/11/97	Eng et al.			
	A9	5,666,420	9/9/97	Micali			
	A10	5,668,880	9/16/97	Alajajian			
	A11	5,742,668	4/21/98	Pepe et al.			
	A12	5,757,924	5/26/98	Friedman et al.			
	A13	5,822,433	10/13/98	Böttle et al.			
	A14	5,850,451	12/15/98	Sudia			
	A15	5,864,654	1/26/99	Marchant			
	A16	5,872,847	2/16/99	Boyle et al.			
	A17	5,883,581	3/16/99	Dorenbosch et al.			
	A18	5,914,971	6/22/99	Carter et al.			
	A19	5,968,197	10/19/99	Doiron			
	A20	5,982,893	11/9/99	Hughes			
	A21	5,987,011	11/16/99	Toh			
	A22	5,987,639	11/16/99	Kivari et al.			
	A23	5,995,559	11/30/99	Hedberg			
	A24	6,009,177	12/28/99	Sudia			

EXAMINER

DATE CONSIDERED



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SHEET 2 OF 10

FORM PTO - 1449		ATTORNEY DOCKET NO.: DPL-026
INFORMATION DISCLOSURE STATEMENT		APPLICANT(S): Weinstein et al.
		SERIAL NO.: 10/025,017
		FILING DATE: December 19, 2001
		GROUP: 2152

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A25	6,044,486	3/28/00	Underseth et al.			
	A26	6,044,487	3/28/00	Li			
	A27	6,052,812	4/18/00	Chen et al.			
	A28	6,081,601	6/27/00	Raivisto			
	A29	6,085,178	7/4/00	Bigus et al.			
	A30	6,118,775	9/12/00	Kari et al.			
	A31	6,130,881	10/10/00	Stiller et al.			
	A32	6,137,792	10/24/00	Jonas et al.			
	A33	6,138,235	10/24/00	Lipkin et al.			
	A34	6,154,147	11/28/00	Gabrielle et al.			
	A35	6,167,513	12/26/00	Inoue et al.			
	A36	6,175,752	1/16/01	Say et al.			
	A37	5,692,124	11/25/97	Holden et al.			
	A38	5,828,832	10/27/98	Holden et al.			
	A39	5,832,228	11/3/98	Holden et al.			
	A40	5,892,903	4/6/99	Klaus			
	A41	5,913,024	6/15/99	Green et al.			
	A42	5,935,245	8/10/99	Sherer			
	A43	6,061,798	5/9/00	Coley et al.			
	A44	6,070,242	5/30/00	Wong et al.			
	A45	6,072,942	6/6/00	Stockwell et al.			
	A46	6,131,163	10/10/00	Wiegel			
	A47	6,185,689	2/6/01	Todd, Sr. et al.			
	A48	6,202,081	3/13/01	Naudus			
	A49	6,212,636	4/3/01	Boyle et al.			

EXAMINER	DATE CONSIDERED
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FORM PTO - 1449  INFORMATION DISCLOSURE STATEMENT		ATTORNEY DOCKET NO.: DPL-026  APPLICANT(S): Weinstein et al.  SERIAL NO.: 10/025,017  FILING DATE: December 19, 2001      GROUP: 2152					
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## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A50	6,272,538	8/7/01	Holden et al.			
	A51	2001/0009025	7/19/01	Ahonen			
	A52	5,485,474	1/16/96	Rabin			

## FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)

## OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)									
	C1	Convery et al., <i>Cisco SAFE: A Security Blueprint for Enterprise Networks</i> , [retrieved on 2001-08-15]. Retrieved from the Internet: <URL: <a href="http://www.cisco.com/warp/public/cc/so/cuso/epso/sqfr/safe_wp.htm">http://www.cisco.com/warp/public/cc/so/cuso/epso/sqfr/safe_wp.htm</a> >								
	C2	Ferguson et al., <i>RFC 2827: Network Ingress Filtering: Defeating Denial of Service Attacks Which Employ IP Source Address Spoofing</i> , Network Working Group, The Internet Society, May 2000 [retrieved on 2001-08-15]. Retrieved from the Internet: <URL: <a href="http://rfc.asuka.net/rfc/rfc2827.html">http://rfc.asuka.net/rfc/rfc2827.html</a> >								
	C3	Chaum, <i>Untraceable Electronic Mail, Return Addresses, and Digital Pseudonyms</i> , <u>Communications of the ACM</u> , February 1981, Volume 24, Number 2, [retrieved on 2002-02-19]. Retrieved from the Internet: <URL: <a href="http://world.std.com/~franl/crypto/chaum-acm-1981.html">http://world.std.com/~franl/crypto/chaum-acm-1981.html</a> >								
	C4	Syverson et al., <i>Towards an Analysis of Onion Routing Security</i> , Workshop on Design Issues in Anonymity and Unobservability, Berkeley, CA, July 2000.								
	C5	Berthold et al., <i>Project "Anonymity and Unobservability in the Internet"</i> , Workshop on Freedom and Privacy by Design/CFP2000, [retrieved on 2002-02-20]. Retrieved from the Internet: <URL: <a href="http://www.inf.tu-dresden.de/~hf2/publ/2000/BeFK2000cfp2000/index.html">http://www.inf.tu-dresden.de/~hf2/publ/2000/BeFK2000cfp2000/index.html</a> >								
	C6	Dolev et al., <i>Xor-Trees for Efficient Anonymous Multicast and Reception</i> , Technical Report 99-03, Department of Mathematics and Computer Science, Ben-Gurion University, Beer-Sheva, Israel, December 1998. Extended abstract in the Proceedings of the Seventeenth Annual IACR Crypto Conference, CRYPTO'97, Springer-Verlag LNCS:1294, pp. 395-409, 1997.								
	C7	Raymond, <i>Traffic Analysis: Protocols, Attacks, Design Issues and Open Problems</i> , Berkeley International Computer Science Institute (ICSI) Technical, Report TR-00-011, p. 7-26, July 2000.								
	C8	Berthold et al., <i>Web MIXes: A system for anonymous and unobservable Internet access</i> , Designing Privacy Enhancing Technologies-Hannes Federrath (Ed.), Proceedings of the Workshop on Design Issues in Anonymity and Unobservability, LNCS 2009, Springer-Verlag, Heidelberg 2001, 115-129.								
EXAMINER					DATE CONSIDERED					